

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Yolo County Department of Natural Resources

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/06/2017 04/06/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_NA0021_01_s _ 2012_5				
Comment Code					
Inspector Comment					
Yolo County Administrator's Office will check the status of levee manuals for their levees and inform DWR.					

No Photos

LM Start		Rating **	A	Issue No.	11
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_NA0021_01_s _ 2012_11				
Comment Code					
Inspector Comment					
Yolo County OES maintains a stockpile of flood response material.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Right Bank Cache Creek	Right	0.59	04/06/2017 04/06/2017	Zach Jojola

No Photos

Photo 1 of 1 : SP_2017_NA0021_351_23_20170413_00031.jpg



Wild vegetation on waterside levee slope, blocking visibility. Spring 2017.

Photo 1 of 1 : SP_2017_NA0021_351_15_20170320_00015.jpg



View of the debris on the waterward side of the levee. Fall 2015.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

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Unit No. 01 Right Bank Cache Creek	Right	0.59	04/06/2017 04/06/2017	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	24
LM End	0.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.721285 °	38.725555 °
				-121.808473 °	-121.806532 °
DWR ID	DWR_NA0021_01_s_2017_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.19	Rating **	U	Issue No.	16
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.721536 °	38.721536 °
				-121.807711 °	-121.807711 °
DWR ID	DWR_NA0021_01_s_2015_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 3 : SP_2017_NA0021_351_16_20170320_00016.jpg



An updated view of rodent holes on LS slope. Fall inspection 10/07/2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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LM Start	0.19	Rating **	U	Issue No.	16 (cont)	
LM End	0.19	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.721536 °		38.721536 °
				-121.807711 °		-121.807711 °
DWR ID	DWR_NA0021_01_s_2015_16					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						

Photo 2 of 3 : SP_2017_NA0021_351_16_20170320_00017.jpg



View of the rodent hole on the landward side of the levee looking downstream. Spring 2015.

LM Start	0.19	Rating **	U	Issue No.	16 (cont)
LM End	0.19	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2017_NA0021_351_16_20170320_00018.jpg



View of the rodent holes on the landward side of the levee looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/06/2017 04/06/2017	Zach Jojola

LM Start	0.20	Rating **	M	Issue No.	7
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.721683 °	38.721683 °
				-121.807532 °	-121.807532 °
DWR ID	DWR_NA0021_01_s_2016_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0021_351_7_20170320_00007.jpg



Perspective view of the rodent hole on the landward side of the levee looking downstream. Spring 2016.

LM Start	0.20	Rating **	M	Issue No.	7 (cont)
LM End	0.20	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_NA0021_351_7_20170320_00008.jpg



Animal hole is close to the shoulder of the levee. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/06/2017 04/06/2017	Zach Jojola

LM Start	0.22	Rating **	M	Issue No.	8
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.721876 °	38.721876 °
				-121.807393 °	-121.807393 °
DWR ID	DWR_NA0021_01_s_2016_8				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0021_351_8_20170320_00009.jpg



View of the rodent holes on the landward side of the levee looking downstream. Spring 2016.

LM Start	0.26	Rating **	M	Issue No.	4
LM End	0.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.722418 °	38.722418 °
				-121.806999 °	-121.806999 °
DWR ID	DWR_NA0021_01_s_2012_4				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 3 : SP_2017_NA0021_351_4_20170320_00003.jpg



A continuous brush pile on levee. Spring 2013

LM Start	0.26	Rating **	M	Issue No.	4 (cont)
LM End	0.26	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2017_NA0021_351_4_20170320_00004.jpg



The brush pile did not get burned this last winter. Spring 2014

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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LM Start	0.26	Rating **	M	Issue No.	4 (cont)	
LM End	0.26	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.722418 °		38.722418 °
				-121.806999 °		-121.806999 °
DWR ID	DWR_NA0021_01_s_2012_4					
Comment Code						
PR : Prunings						
Inspector Comment						

Photo 3 of 3 : SP_2017_NA0021_351_4_20170320_00005.jpg



The latest look of the ongoing brush pile. Fall 2013

LM Start	0.27	Rating **	M	Issue No.	22
LM End	0.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.722620 °	38.722620 °
				-121.806958 °	-121.806958 °
DWR ID	DWR_NA0021_01_f_2015_22				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
A vehicle ramp seems to have been made.					

Photo 1 of 3 : SP_2017_NA0021_351_22_20170320_00025.jpg



Perspective view of the trail on the waterward side of the levee looking downstream. Fall 2015.

LM Start	0.27	Rating **	M	Issue No.	22 (cont)
LM End	0.27	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2017_NA0021_351_22_20170320_00026.jpg



View of the trail on the waterward side of the levee. Fall 2015.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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LM Start	0.27	Rating **	M	Issue No.	22 (cont)	
LM End	0.27	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.722620 °		38.722620 °
				-121.806958 °		-121.806958 °
DWR ID	DWR_NA0021_01_f_2015_22					
Comment Code						
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.						
Inspector Comment						
A vehicle ramp seems to have been made.						

Photo 3 of 3 : SP_2017_NA0021_351_22_20170320_00027.jpg



The trail seems to be an access point that leads down to Cache Creek.
Fall 2015.

LM Start	0.27	Rating **	M	Issue No.	14
LM End	0.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.722633 °	38.722633 °
				-121.806938 °	-121.806938 °
DWR ID	DWR_NA0021_01_s_2012_14				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Right Bank Cache Creek	Right	0.59	04/06/2017 04/06/2017	Zach Jojola

LM Start	0.30	Rating **	M	Issue No.	13
LM End	0.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.723017 °	38.725844 °
				-121.806879 °	-121.806516 °
DWR ID	DWR_NA0021_01_s_2014_13				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0021_351_13_20170320_00014.jpg



Vegetation on the crown needs to be controlled. Spring 2014

LM Start	0.35	Rating **	M	Issue No.	20
LM End	0.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.723789 °	38.723789 °
				-121.806666 °	-121.806666 °
DWR ID	DWR_NA0021_01_s_2015_20				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Unit No. 01 Right Bank Cache Creek	Right	0.59	04/06/2017 04/06/2017	Zach Jojola

LM Start	0.36	Rating **	M	Issue No.	6
LM End	0.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.723903 °	38.723903 °
				-121.806613 °	-121.806613 °
DWR ID	DWR_NA0021_01_s_2012_6				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0021_351_6_20170320_00006.jpg



View of the tree on the landward side of the levee looking downstream. Fall 2015.

LM Start	0.40	Rating **	M	Issue No.	2
LM End	0.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.724437 °	38.724437 °
				-121.806620 °	-121.806620 °
DWR ID	DWR_NA0021_01_f_2016_2				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0021_351_2_20170320_00001.jpg



Rodent holes on LS slope. Fall inspection 10/07/2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/06/2017 04/06/2017	Zach Jojola

LM Start	0.44	Rating **	M	Issue No.	9
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.725022 °	38.725022 °
				-121.806478 °	-121.806478 °
DWR ID	DWR_NA0021_01_s_2012_9				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0021_351_9_20170320_00010.jpg



Trees need to be trimmed to 5'. Spring 2013

LM Start	0.44	Rating **	M	Issue No.	9 (cont)
LM End	0.44	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_NA0021_351_9_20170320_00011.jpg



View of the tree that needs to be trimmed on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Right Bank Cache Creek	Right	0.59	04/06/2017 04/06/2017	Zach Jojola

LM Start	0.44	Rating **	M	Issue No.	3
LM End	0.44	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.725087 °	38.725087 °
				-121.806502 °	-121.806502 °
DWR ID	DWR_NA0021_01_f_2016_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0021_351_3_20170320_00002.jpg



Rodent holes on levee crown. No live rodents observed. Fall inspection 10/07/2016.

LM Start	0.47	Rating **	C	Issue No.	10
LM End	0.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.725427 °	38.725427 °
				-121.806470 °	-121.806470 °
DWR ID	DWR_NA0021_01_s_2012_10				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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